

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application; please amend the claims as follows:

1. (Cancelled)
2. (Currently Amended) The composition according to claim 10, wherein the non-crosslinkable organic medium (A) has a viscosity of less than 1,000 mPas at a temperature of 120 °C.
3. (Currently Amended) The composition according to claim 10, wherein the non-crosslinkable organic medium (A) has a viscosity of less than 200 mPas at a temperature of 120 °C.
4. (Currently Amended) The composition according to claim 10, wherein the individual primary particles of the microgel (B) have an approximately spherical geometry.
5. (Cancelled)
6. (Currently Amended) The composition according to claim 10, wherein said deviation is less than 50 %.
- 7-8. (Cancelled)
9. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) has a content which is insoluble in toluene at 23 °C of at least about 70 wt.%.
10. (Currently Amended) A composition comprising:

10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C;

0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$\lfloor (d_1 - d_2) / d_2 \rfloor \times 100\% \quad (I),$$

where d₁ and d₂ are each a diameter of the same individual primary particle measured and where d₁ is greater than d₂, and The composition according to claim 1, wherein the at least one microgel (B) has a swelling index in toluene at 23 °C of less than about 80.

11. (Currently Amended) A composition comprising:

10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C;

0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d₁ and d₂ are each a diameter of the same individual primary particle measured and where d₁ is greater than d₂, and The composition according to claim 1, wherein the at least one microgel (B) has a glass transition temperature of -100 °C to +120 °C.

12. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) is a crosslinked microgel which is not crosslinked by high-energy radiation.

13. (Currently Amended) A composition comprising:

10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C;

0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d₁ and d₂ are each a diameter of the same individual primary particle measured and where d₁ is greater than d₂, and The composition according to claim 1, wherein the at least one microgel (B) has a glass transition range of greater than about 5 °C.

14. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) is obtained by emulsion polymerization.

15. (Currently Amended) A composition comprising:

10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C;

0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d₁ and d₂ are each a diameter of the same individual primary particle measured and where d₁ is greater than d₂, and The composition according to claim 1, wherein the at least one microgel (B) is based on rubber.

16. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) is based on homopolymers or random copolymers.

17. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) is modified by functional groups which are reactive towards carbon-carbon double bonds (C=C).

18. (Currently Amended) The composition according to claim 10, wherein the at least one non-crosslinkable organic medium (A) is at least one compound selected from the group consisting of solvents, saturated or aromatic hydrocarbons, polyether oils, naturally occurring and synthetic ester oils, polyether-ester oils, phosphoric acid esters, silicon-containing oils, halohydrocarbons, and liquid renewable raw materials.

19-20. (Cancelled)

21. (Currently Amended) The composition according to claim 10, further comprising: a filler and/or an additive.

22-23. (Cancelled)

24. (Currently Amended) The composition according to claim 10, having a viscosity of 2 mPas up to 50,000,000 mPas at a speed of 5 s^{-1} , as determined with a cone-plate measuring system in accordance with DIN 53018 at 20 °C.

25. (Currently Amended) A composition comprising:

10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C;

0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$\lfloor (d_1 - d_2) / d_2 \rfloor \times 100\% \quad (I),$$

where d_1 and d_2 are each a diameter of the same individual primary particle measured and where d_1 is greater than d_2 , and The composition according to claim 1, wherein the at least one microgel (B) has a swelling index in toluene at 23 °C of 1 to 15.

26. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) has a content which is insoluble in toluene at 23 °C of at least 95 wt.%.

27. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) is not modified with hydroxyl groups.

28. (Currently Amended) The composition according to claim 10, wherein the at least one microgel (B) is not modified.

29. (Currently Amended) A process comprising: incorporating the-a composition according to claim 1 into a thermoplastic, a rubber, a thermoplastic elastomer, or mixture thereof, wherein said composition comprises 10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C; 0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d₁ and d₂ are each a diameter of the same individual primary particle measured and where d₁ is greater than d₂.

30. (Cancelled)

31. (Currently Amended) A process for the preparation of a microgel-containing rubber, comprising: incorporating the-a composition according to claim 1 into a rubber, wherein

said composition comprises 10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C; 0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d₁ and d₂ are each a diameter of the same individual primary particle measured and where d₁ is greater than d₂.

32. (Currently Amended) A process for the preparation of a microgel-containing thermoplastic elastomer, comprising: incorporating ~~the-a~~ composition according to claim 1-into a thermoplastic elastomer, wherein said composition comprises 10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C; 0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d₁ and d₂ are each a diameter of the same individual primary particle measured and where d₁ is greater than d₂.

33-37. (Cancelled)

38. (Currently Amended) A process for the preparation of the a composition according to claim 1, wherein said composition comprises 10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C; 0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d_1 and d_2 are each a diameter of the same individual primary particle measured and where d_1 is greater than d_2 , comprising: admixing the at least one non-crosslinkable organic medium (A) and the at least one microgel (B) via a homogenizer, a bead mill, a triple-roll mill, a single- or multiple-screw extruder, a kneader and/or a dissolver.

39. (Currently Amended) A process for the preparation of the a composition according to claim 1, wherein said composition comprises 10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C; 0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm and wherein a deviation between the diameters of an individual primary particle is less than 250 %, where said deviation is

defined as being equal to formula (I)

$$[(d_1 - d_2) / d_2] \times 100\% \quad (I),$$

where d_1 and d_2 are each a diameter of the same individual primary particle measured and where d_1 is greater than d_2 , comprising: admixing the at least one non-crosslinkable organic medium (A) and the at least one microgel (B) via a homogenizer, a bead mill, a triple-roll mill and/or a dissolver.

40. (Currently Amended) A composition comprising:

10 to 99.9 wt.% of at least one non-crosslinkable organic medium (A) based on the total amount of the composition, said non-crosslinkable organic medium (A) having a viscosity of less than 30,000 mPas at a temperature of 120 °C ~~and having a boiling point of no less than 120°C~~; and

0.1 to 90 wt.% of at least one microgel (B) based on the total amount of the composition, said at least one microgel (B) comprising a plurality of individual primary particles, wherein the plurality of individual primary particles have an average particle diameter of less than 99 nm,

wherein the at least one non-crosslinkable organic medium (A) is selected from the group consisting of:

hydrocarbons, non-fluorinated polyether oils, ester oils, phosphoric acid esters, non-fluorinated silicon-containing oils, and mixtures thereof,

wherein said hydrocarbons are selected from the group consisting of C₁-C₂₀₀, natural, synthetic, non-substituted, substituted, straight-chain, branched, cyclic, saturated, unsaturated, aromatic, and mixtures thereof and wherein the substituted

hydrocarbons is by a substituent selected from the group consisting of chlorine, hydroxyl, oxo, amino, carboxyl, carbonyl, aceto and amido.

41. (Cancelled)